

# **METHOD AND SYSTEM FOR MITIGATING FALSE ALARMS IN A TIRE PRESSURE MONITORING SYSTEM FOR AN AUTOMOTIVE VEHICLE**

## **Abstract of Disclosure**

A pressure monitoring system (12) for a tire (14a) of an automotive vehicle includes a first pressure sensor (94) coupled to the wheel, a pressure transmitter (90) coupled to the pressure sensor (94) whereby the transmitter generates a pressure signal. A controller (22) is coupled to the pressure transmitter. The controller (22) receives the pressure signal and in a first stage, compares the pressure signal to a pressure threshold to obtain a sensor status. In a second stage, the controller (22) qualifies the sensor status signal by generating a warning status in response to the sensor status.